

ETHANOL FACTS

ETHANOL CAUSES LOST MPG, POWER AND PERFORMANCE

Ethanol-containing fuel does not produce as much energy content as conventional gasoline, thus contributing to lower mpg. Deposit formation is also more common with ethanol-containing fuel and can further interrupt the fuel/air ratio causing more severe driveability problems such as inefficient combustion, decreased performance and reduced throttle response.

BG Supercharge® II, Part No. 202, contains special stabilizers that prevent fuel oxidation, gum and varnish formation. Used in each tank of ethanol-containing fuel, BG Supercharge® II will keep the entire fuel system clean, improving performance and power and restoring fuel economy.

ETHANOL HOLDS WATER

Ethanol-containing fuel can hold a limited amount of water, which is highly temperature-dependent, before the fuel experiences phase separation (turns cloudy) and a large percentage of ethanol and water settle to the bottom of the vehicle's gas tank. Moisture can cause corrosion to the fuel system and erratic engine operation.

BG Fuel System Drier, Part No. 280, forms a stable solution with water and gasoline allowing the undesirable water in the tank to pass harmlessly through the fuel system, without affecting the combustion process.

ETHANOL CAUSES DAMAGE AND WEAR

Ethanol is a mildly acidic molecule, which accelerates the corrosion process in iron-based alloys or aluminum, brass, bronze, silver, lead and other alloys found in the fuel system.

Fuel in the E10–E20 range is the worst blend in terms of deposit formation. If a fuel supply system is switched from conventional gasoline to E10, much of the sediment, oxidation residue and other contaminants in the storage tanks and lines can be dissolved or suspended in the new fuel. Dissolved salts and contaminants can cause premature filter plugging and injector fouling.

BG Supercharge® II protects your fuel system by neutralizing acids in the fuel with an amine-based dispersant and corrosion inhibitors.



**BG Supercharge® II and
BG Fuel System Drier:
Your best protection against
the harmful effects of ethanol!**

